

FIG. 1

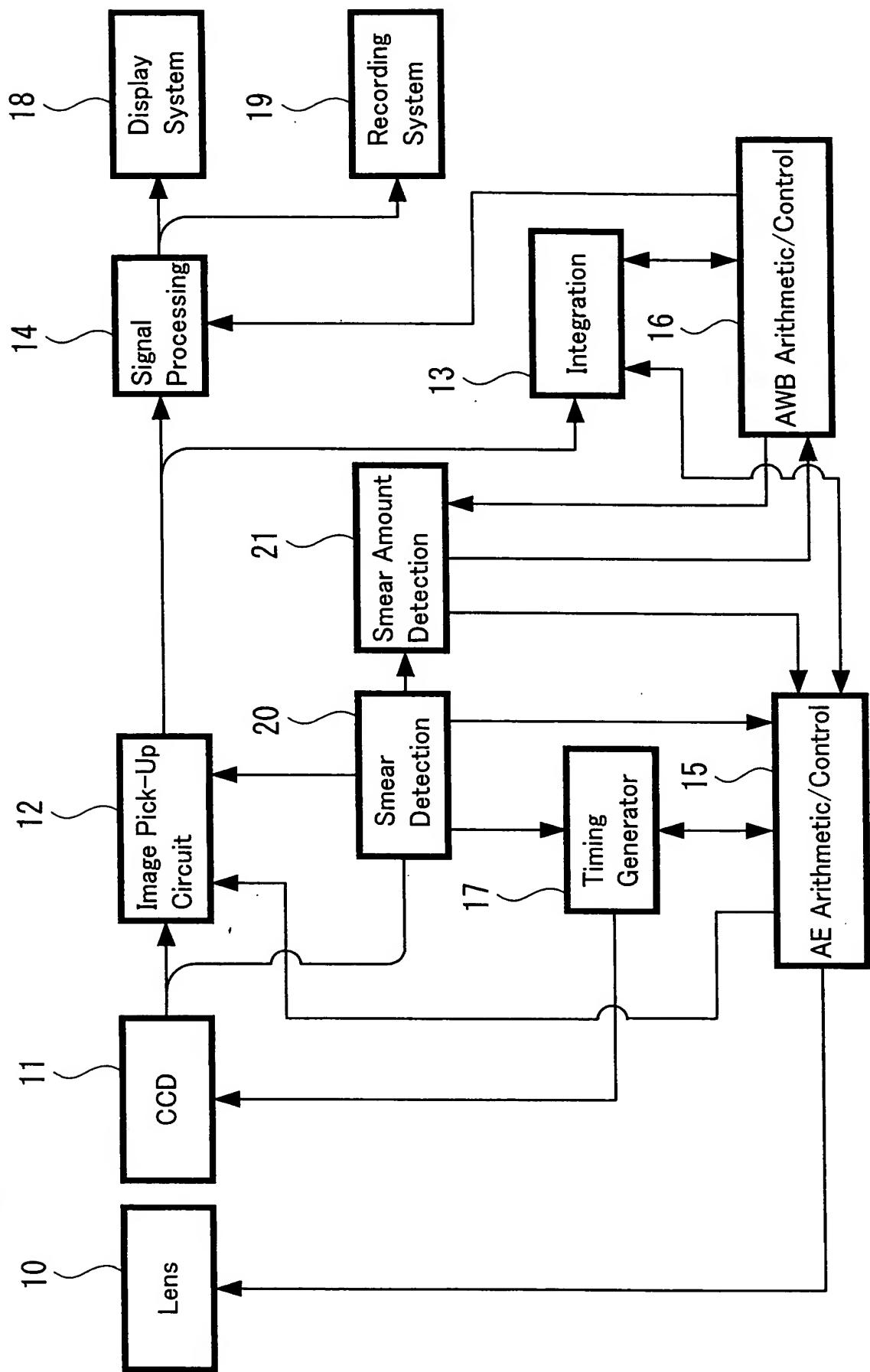


FIG. 2

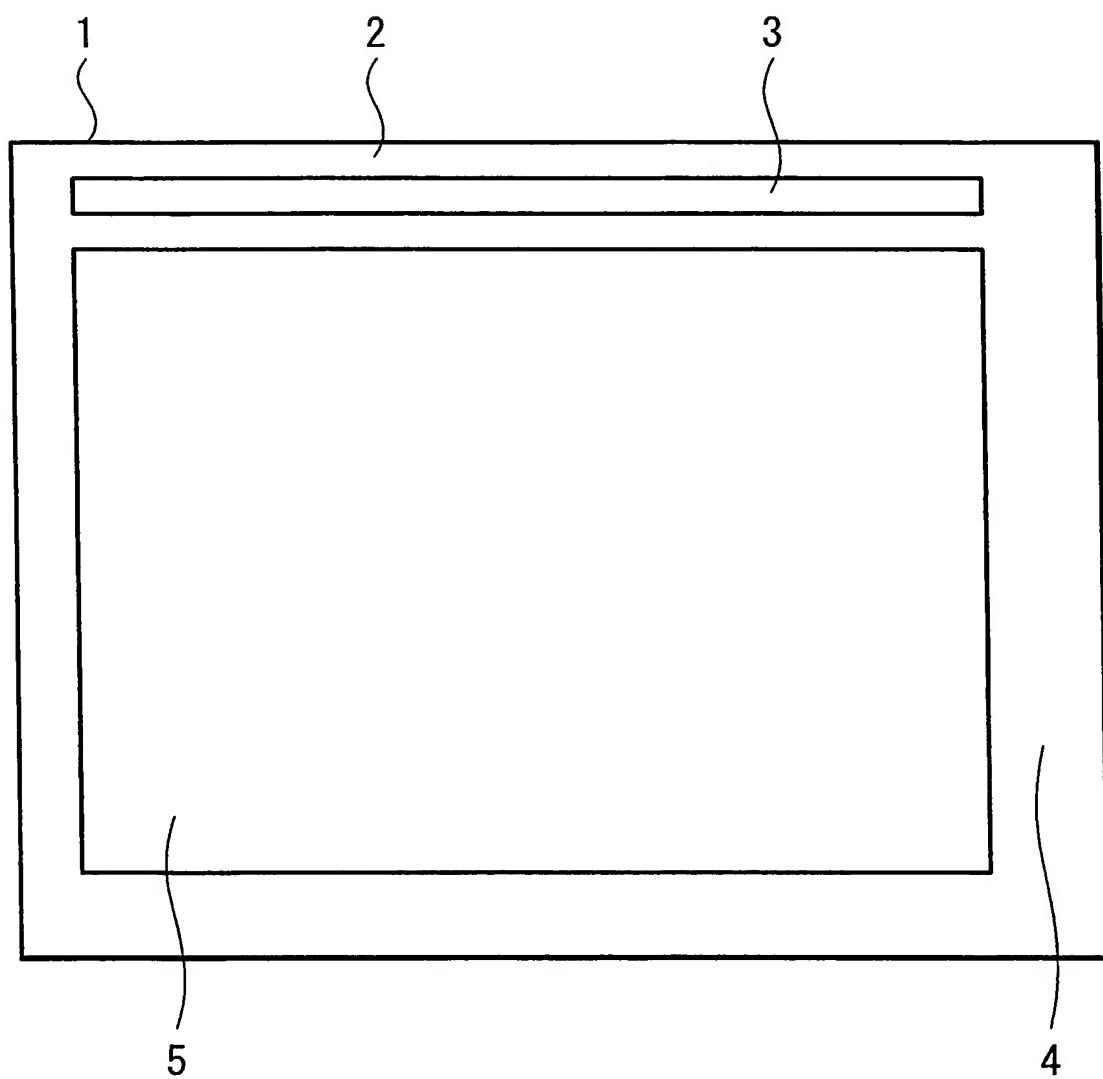
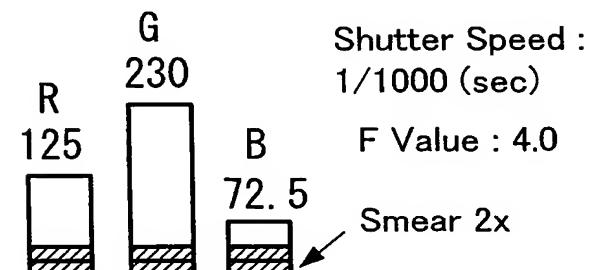
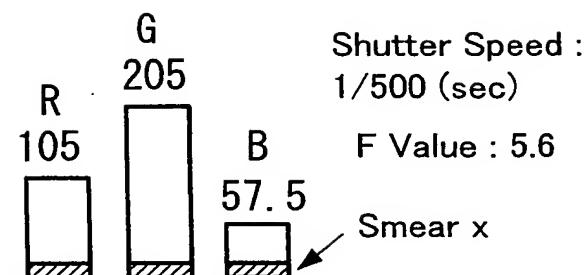
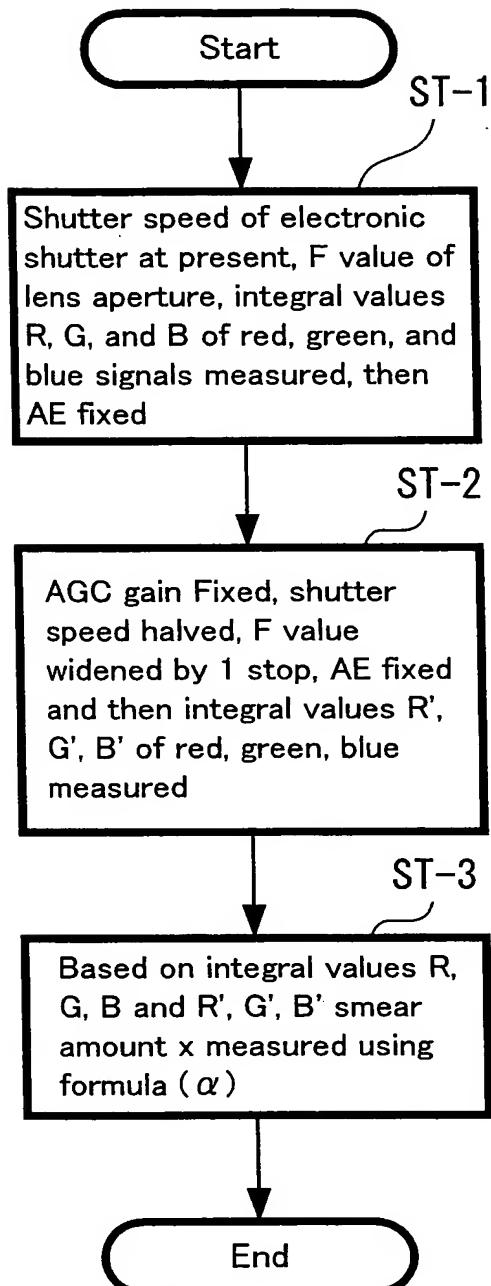
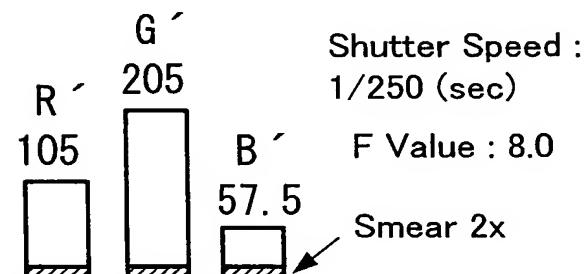
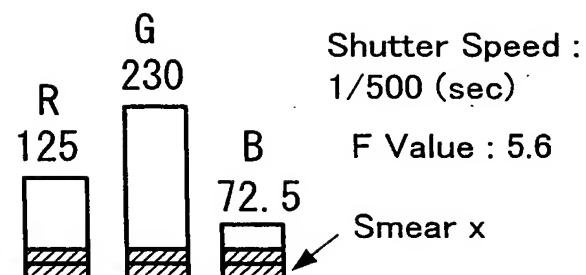
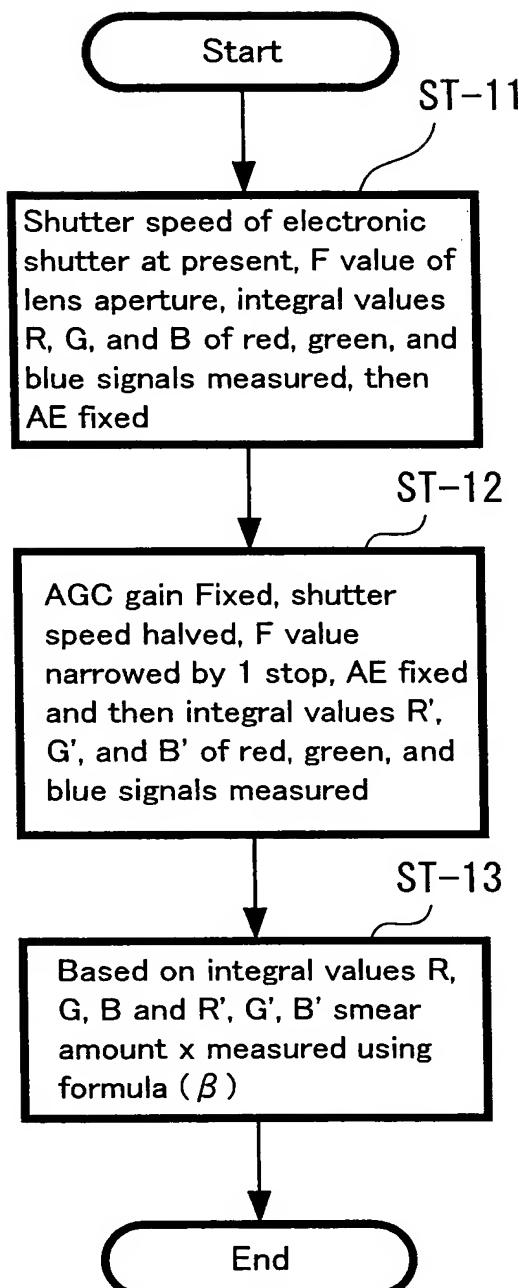


FIG. 3



$$\begin{aligned}
 & (R-x) : (G-x) : (B-x) \\
 & = (R' - 2x) : (G' - 2x) : \\
 & \quad (B' - 2x) \quad \dots \dots \quad (\alpha)
 \end{aligned}$$

FIG. 4



$$\begin{aligned}
 & (R-x) : (G-x) : (B-x) \\
 & = (R' - 2x) : (G' - 2x) : \\
 & \quad (B' - 2x) \quad \dots \dots \quad (\beta)
 \end{aligned}$$

DESCRIPTION OF REFERENCE NUMERALS

- 10... IMAGE PICK-UP LENS
- 11... CCD
- 12... IMAGE PICK-UP CIRCUIT
- 13... INTEGRAL CIRCUIT
- 14... SIGNAL PROCESSING CIRCUIT
- 15... AE ARITHMETIC AND CONTROL CIRCUIT
- 16... AWE ARITHMETIC AND CONTROL CIRCUIT
- 17... TIMING GENERATOR
- 18... DISPLAY SYSTEM
- 19... RECORDING SYSTEM
- 20... SMEAR DETECTION CIRCUIT
- 21... SMEAR AMOUNT DETECTION CIRCUIT